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☐	L31	(product adj1 management adj1 design)	0
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☐ L24 l23 and (product near manag$) 45

☐ L23 (L22).pn. (6064984 6067525 6069873 6074434 6105520 6115690 6125388 6134593 6137990 6148291 6167380 6167396 6188989 6208976 6208979 6219836 6219836 6236955 6343275 6366914 6408263 6411916 6415277 6434533 6505172 6513045 6539372 6553404 6611862 6629008 6647304 6654757 6658464 6711449 5799981 4977391 5392220 5485628 5504413 5710813 6014637 6047290 6049784 6249790 6286008 6294993 6237020 5903881 5950173 6122633).pn. (4796194 5198644 5548506 5717925 5825674 5960420 5971584 6094603 6122622 6205060 4365148 4404974 4506995 4520451 4563739 4586158 4622875 4783655 4794524 4813035 4823345 4827423 4845492 4862376 4866628 4875162 4924219 4941090 4942527 4965772 4973952 4982338 4999766 5023802 5189007 5200126 5201396 5202826 5204947 5212635 5231585 5233513 5237498 5241467 5245533 5245554 5261102 5268838 5276877 5287268).pn. (5293031 5293615 5295065 5295242 5297249 5317729 5321605 5321610 5333908 5367452 5371868 5375061 5375216 5375237 5388260 5402367 5410675 5434790 5434791 5434792 5446890 5448226 5448740 5485560 5491795 5495417 5499357 5504676 5506782 5548727 5553143 5566353 5586252 5586254 5604923 5630125 5646862 5649100 5655087 5655118 5655130 5671412 5675818 5675784 5677522 5691895 5694325 5701403 5706429 5715622).pn. (5717853 5720015 5732264 5734883 5737551 5737727 5748868 5757678 5761653 5761674 5767848 5768153 5778368 5784460 5787000 H001743 5790847 5796932 5796614 5799286 5799284 5799318 5805889 5812985 5812130 5819015 5826265 5831859 5838595 5848399 5848394 5862160 5864684 5864480 5864875 5873067 5878408 5893074 5893108 5893912 5895491 5905498 5905866 5913051 5920867 5926619 5926177 5930771 5930503 5938744).pn. (5940807 5940504 5946663 5950209 5949904 5956408 5955857 5963961 5963558 5963967 5970476 5974566 5973466 5971437 5983283 5983235 5983069 5987465 5999920 6003042 6003074 6006195 6004276 6016481 6021415 6021394 6023687 6023702 6026377 6026411 6026428 6028674 6028997 6031978 6044324 6055493 6055363 6061723 6061724 6061723 6061724 6069593 6078920 6078922 6081789 6088626 6089455 6092069 6092032 6098074).pn. 297

☐ L22 (5737539 5737726 5845255 5983198 6253193 6292830 6363488 6389402 6427140 6438219 6473502 6473503 5570291 5724516 5873069 5311424 5671362 5832457 5860068 6058435 4071740 4351440 4405051 4558212 4860123 4905094 4918602 4924331 5185948 5237495 5450317 5519633 5532928 5546321 5592560 5692030 5694546 5722048 5732200 5758068 5794209 5884300 5884305 5910835 6009407 6016394 6023683 6032857 6049699 6055516) 1179

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☐	L20	L19 and (password$ or id or authoriz$ or authenticat$)	1
☐	L19	L18 and design$	1
☐	L18	6625581.pn.	1
☐	L17	L15 and product$.ab.	18
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☐	L14	L12 and (remote adj1 (computer$ or cpu$ or device$ or terminal$))	4
☐	L13	L12 and (remote adj11 (computer$ or cpu$ or device$ or terminal$))	4
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☐	L8	((product or product$) same manag$).ab.	858
☐	L7	((product or product$) same manag$).ti.	173
☐	L6	L5 and ((product or product$) near manag$)	38
☐	L5	L4 and (remote adj11 (computer$ or cpu$ or device$ or terminal$))	148
☐	L4	L3 and browser$	355
☐	L3	L1 and ((shipping or home or business)adj1 address)	775
☐	L2	L1 and (shopping adj1 cart)	294
☐	L1	(internet or (online or on-line or (on adj1 line)) or (world adj1 wide adj1 web) or www)	79752

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1 Fast detection of communication patterns in distributed executions
Thomas Kunz, Michiel F. H. Seuren
November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Studies on C**

Full text available: 🔁 pdf(4.21 MB)   Additional Information: full citation, abstract, references, index terms

Understanding distributed applications is a tedious and difficult task. Visualizations based on proce
often used to obtain a better understanding of the execution of the application. The visualization t.
event tracer developed at the University of Waterloo. However, these diagrams are often very con
the user with the desired overview of the application. In our experience, such tools display repeat(
trivial commun ...

2 Tools and approaches for developing data-intensive Web applications: a survey
Piero Fraternali
September 1999 **ACM Computing Surveys (CSUR)**, Volume 31 Issue 3

Full text available: 🔁 pdf(524.80 KB)   Additional Information: full citation, abstract, references, citings, inde)

The exponential growth and capillar diffusion of the Web are nurturing a novel generation of applic
a direct business-to-customer relationship. The development of such applications is a hybrid betwe
development and Hypermedia authoring, and challenges the existing tools and approaches for soft
paper investigates the current situation of Web development tools, both in the commercial and res
identifying and characte ...

Keywords: HTML, Intranet, WWW, application, development

3 The state of the art in locally distributed Web-server systems
Valeria Cardellini, Emiliano Casalicchio, Michele Colajanni, Philip S. Yu
June 2002   **ACM Computing Surveys (CSUR)**, Volume 34 Issue 2

Full text available: 🔁 pdf(1.41 MB)   Additional Information: full citation, abstract, references, citings, inde)

The overall increase in traffic on the World Wide Web is augmenting user-perceived response time
sites, especially in conjunction with special events. System platforms that do not replicate informa
provide the needed scalability to handle large traffic volumes and to match rapid and dramatic cha
clients. The need to improve the performance of Web-based services has produced a variety of no
architectures. This article w ...

Keywords: Client/server, World Wide Web, cluster-based architectures, dispatching algorithms, d

balancing, routing mechanisms

4 Model-driven development of Web applications: the AutoWeb system
Piero Fraternali, Paolo Paolini
October 2000 **ACM Transactions on Information Systems (TOIS)**, Volume 18 Issue 4

Full text available: 📄 pdf(6.94 MB)   Additional Information: full citation, abstract, references, citings, index

This paper describes a methodology for the development of WWW applications and a tool environn for the methodology. The methodology and the development environment are based upon models used in the hypermedia, information systems, and software engineering fields, adapted and blend The foundation of the proposal is the conceptual design of WWW applications, using HDM-lite, a no specification of structure, nav ...

Keywords: HTML, WWW, application, development, intranet, modeling

5 Web-based development of complex information products
Roy T. Fielding, E. James Whitehead, Kenneth M. Anderson, Gregory A. Bolcer, Peyman Oreizy, Richa
August 1998 **Communications of the ACM**, Volume 41 Issue 8

Full text available: 📄 pdf(200.01 KB)   Additional Information: full citation, references, citings, index terms

6 Reusable software components
Trudy Levine
July 1996 **ACM SIGAda Ada Letters**, Volume XVI Issue 4

Full text available: 📄 pdf(2.45 MB)   Additional Information: full citation, index terms

7 Web mining for web personalization
Magdalini Eirinaki, Michalis Vazirgiannis
February 2003 **ACM Transactions on Internet Technology (TOIT)**, Volume 3 Issue 1

Full text available: 📄 pdf(293.73 KB)   Additional Information: full citation, abstract, references, index terms,

Web personalization is the process of customizing a Web site to the needs of specific users, taking knowledge acquired from the analysis of the user's navigational behavior (usage data) in correlatic information collected in the Web context, namely, structure, content, and user profile data. Due to the Web, the domain of Web personalization has gained great momentum both in the research and this article we present a survey ...

Keywords: WWW, Web personalization, Web usage mining, user profiling

8 Current technological impediments to business-to-consumer electronic commerce
Gregory Rose, Huoy Khoo, Detmar W. Straub
June 1999 **Communications of the AIS**

Full text available: 📄 pdf(479.36 KB)   Additional Information: full citation, references, citings

9 SilkRoute: A framework for publishing relational data in XML
Mary Fernández, Yana Kadiyska, Dan Suciu, Atsuyuki Morishima, Wang-Chiew Tan
December 2002 **ACM Transactions on Database Systems (TODS)**, Volume 27 Issue 4

Full text available: ⬛ pdf(687.91 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>index terms</u>

XML is the "lingua franca" for data exchange between interenterprise applications. In this work, w‹ framework for publishing relational data in XML. In SilkRoute, relational data is published in three tables are presented to the database administrator in a canonical XML view; the database adminis XQuery query language a public, virtual XML view over the canonical XML view; and an applicatior query over the publ ...

Keywords: XML, XML storage systems, XQuery

10 Workshop on compositional software architectures: workshop report

May 1998 **ACM SIGSOFT Software Engineering Notes**, Volume 23 Issue 3

Full text available: ⬛ pdf(2.91 MB)   Additional Information: <u>full citation</u>, <u>index terms</u>

11 xlinkit: a consistency checking and smart link generation service

Christian Nentwich, Licia Capra, Wolfgang Emmerich, Anthony Finkelstein
May 2002   **ACM Transactions on Internet Technology (TOIT)**, Volume 2 Issue 2

Full text available: ⬛ pdf(463.26 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>inde›</u>

xlinkit is a lightweight application service that provides rule-based link generation and checks the ‹ distributed Web content. It leverages standard Internet technologies, notably XML, XPath, and XLi as part of a consistency management scheme or in applications that require smart link generation construction and management of large document repositories. In this article we show how consist‹ expressed and checked. We des ...

Keywords: Consistency management, XML, automatic link generation, constraint checking

12 Performance Workload Char. and Adaptation: Aliasing on the world wide web: prevalence al implications

Terence Kelly, Jeffrey Mogul
May 2002   **Proceedings of the eleventh international conference on World Wide Web**

Full text available: ⬛ pdf(376.28 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>inde›</u>

Aliasing occurs in Web transactions when requests containing different URLs elicit replies containin payloads. Conventional caches associate stored data with URLs and can therefore suffer redundan‹ to aliasing and other causes. Existing research literature, however, says little about the prevalenc‹ initiated transactions, or about redundant payload transfers in conventional Web cache hierarchie‹ the extent of aliasin ...

Keywords: DTD, HTTP, WWW, Zipf's law, aliasing, cache hierarchies, caching, duplicate suppress detection, hypertext transfer protocol, performance analysis, redundant transfers, resource modifi

13 Spoken dialogue technology: enabling the conversational user interface

March 2002   **ACM Computing Surveys (CSUR)**, Volume 34 Issue 1

Full text available: ⬛ pdf(987.69 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>index terms</u>,

Spoken dialogue systems allow users to interact with computer-based applications such as databa by using natural spoken language. The origins of spoken dialogue systems can be traced back to ⁄ research in the 1950s concerned with developing conversational interfaces. However, it is only wit so, with major advances in speech technology, that large-scale working systems have been develc introduced into commerc ...

Keywords: Dialogue management, human computer interaction, language generation, language ꞇ recognition, speech synthesis

14 Computing curricula 2001

September 2001 **Journal on Educational Resources in Computing (JERIC)**

Full text available: 🗎 pdf(613.63 KB) 🗎 html(2.78 KB)   Additional Information: full citation, references, citings, index terms

15 Survey articles: Web usage mining: discovery and applications of usage patterns from Web ꞇ

Jaideep Srivastava, Robert Cooley, Mukund Deshpande, Pang-Ning Tan
January 2000 **ACM SIGKDD Explorations Newsletter,** Volume 1 Issue 2

Full text available: 🗎 pdf(1.44 MB)   Additional Information: full citation, abstract, references, citings

Web usage mining is the application of data mining techniques to discover usage patterns from Wꞇ understand and better serve the needs of Web-based applications. Web usage mining consists of t *preprocessing, pattern discovery*, and *pattern analysis*. This paper describes each of these phases application potential, Web usage mining has seen a rapid increase in interest, from both the resea communities. This pap ...

Keywords: data mining, web usage mining, world wide web

16 Principled design of the modern Web architecture

Roy T. Fielding, Richard N. Taylor
May 2002   **ACM Transactions on Internet Technology (TOIT),** Volume 2 Issue 2

Full text available: 🗎 pdf(335.47 KB)   Additional Information: full citation, abstract, references, index terms

The World Wide Web has succeeded in large part because its software architecture has been desig of an Internet-scale distributed hypermedia application. The modern Web architecture emphasizes component interactions, generality of interfaces, independent deployment of components, and intꞇ to reduce interaction latency, enforce security, and encapsulate legacy systems. In this article we Representational State Transfer (REST) arc ...

Keywords: Network-based applications, REST, World Wide Web

17 Client-server computing in mobile environments

Jin Jing, Abdelsalam Sumi Helal, Ahmed Elmagarmid
June 1999   **ACM Computing Surveys (CSUR),** Volume 31 Issue 2

Full text available: 🗎 pdf(233.31 KB)   Additional Information: full citation, abstract, references, citings, indeꞇ

Recent advances in wireless data networking and portable information appliances have engendere computing, called mobile computing, in which users carrying portable devices have access to data services regardless of their physical location or movement behavior. In the meantime, research ac access in mobile environments has proliferated. In this survey, we provide a concrete framework ꞇ various way ...

Keywords: application adaptation, cache invalidation, caching, client/server, data dissemination, mobile applications, mobile client/server, mobile compuing, mobile data, mobility awareness, surv

18 The Web Service Discovery Architecture

Wolfgang Hoschek
November 2002 **Proceedings of the 2002 ACM/IEEE conference on Supercomputing**

Full text available: pdf(282.28 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>index terms</u>

In this paper, we propose the Web Service Discovery Architecture (WSDA). At runtime, Grid applic architecture to discover and adapt to remote services. WSDA promotes an interoperable web servi defining appropriate services, interfaces, operations and protocol bindings, based on industry stan because it subsumes an array of disparate concepts, interfaces and protocols under a single semi- is modular because it def ...

19 Requirements for distributed authoring and versioning on the World Wide Web
J. A. Slein, F. Vitali, E. J. Whitehead, D. G. Durand
March 1997 **StandardView**, Volume 5 Issue 1

Full text available: pdf(96.62 KB)   Additional Information: <u>full citation</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>

20 Role-based access control on the web
February 2001 **ACM Transactions on Information and System Security (TISSEC)**, Volume 4 Issue :

Full text available: pdf(331.03 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>inde></u>

Current approaches to access control on the Web servers do not scale to enterprise-wide systems based on individual user identities. Hence we were motivated by the need to manage and enforce RBAC access control technology in large-scale Web environments. To satisfy this requirement, we architectures for RBAC on the Web, called user-pull and server-pull. To demonstrate feasibility, we

Keywords: WWW security, cookies, digital certificates, role-based access control

Results 1 - 20 of 200   Result page: **1** <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> <u>8</u> <u>9</u> <u>10</u>   <u>next</u>

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